

TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
19345

In Re Application Of: Jochen Beck, et al.

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/564,690	January 11, 2006	Unassigned	23389	Unassigned	Unassigned

Title: CONTROL ADJUSTMENTS SYSTEM FOR A LIFTING AND TILTING MECHANISM OF A WORKING TOOL IN A MOBILE MACHINE

COMMISSIONER FOR PATENTS:

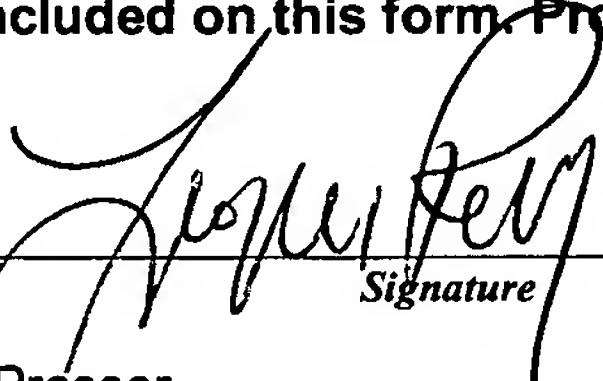
Transmitted herewith is:

**CORRESPONDENCE ENCLOSING TRANSLATION OF THE INTERNATIONAL PRELIMINARY REPORT,
FILED JANUARY 11, 2006.**

in the above identified application.

No additional fee is required.
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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.


Signature

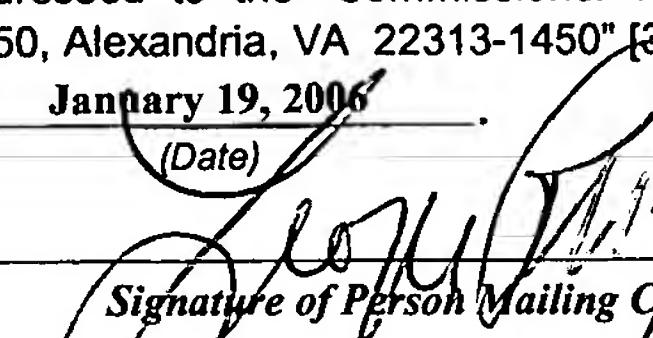
Dated: January 19, 2006

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

January 19, 2006

(Date)


Signature of Person Mailing Correspondence

Leopold Presser

Typed or Printed Name of Person Mailing Correspondence

cc: LP:jy



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Jochen Beck, et al.**

Examiner: **Unassigned**

Serial No.: **10/564,690**

Art Unit: **Unassigned**

Filed: **January 11, 2006**

Docket: **19345**

For: **CONTROL AND ADJUSTMETNS SYSTEM
FOR A LIFTING AND TILTING MECHANISM OF
A WORKING TOOL IN A MOBILE MACHINE**

Dated: **June 19, 2006**

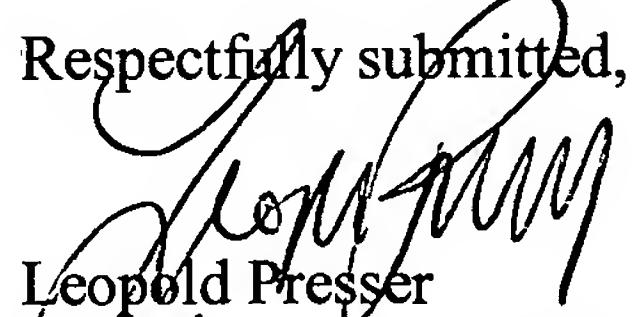
Confirmation No.: **Unassigned**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

CORRESPONDENCE

Sir:

Submitted herewith is a translation of the International Preliminary Examination Report, which was submitted on January 11, 2006.

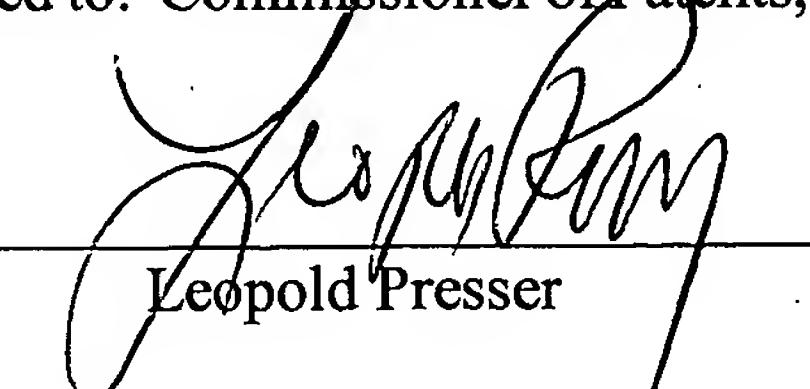
Respectfully submitted,

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Dated: June 19, 2006


Leopold Presser

Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P28098/WO Kf	FOR FURTHER ACTION		See Form PCT/IPEA/416
International application No. PCT/EP2004/005437	International filing date (day/month/year) 19.05.2004	Priority date (day/month/year) 11.07.2003	
International Patent Classification (IPC) or national classification and IPC F15B7/00, E02F3/42, E02F9/22			
Applicant BRUENINGHAUS HYDROMATIK GMBH			

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of 9 sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) _____ containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> <p>4. This report contains indications relating to the following items:</p> <table> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. I</td> <td>Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </tbody> </table>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input checked="" type="checkbox"/>	Box No. VIII	Certain observations on the international application
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Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/005437

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

This report is based on translations from the original language into the following language _____ which is the language of a translation furnished for the purposes of:

international search (Rule 12.3 and 23.1(b))
 publication of the international application (Rule 12.4)
 international preliminary examination (Rule 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

the international application as originally filed/furnished
 the description:
 pages 1-32 _____ as originally filed/furnished
 pages* _____ received by this Authority on _____
 pages* _____ received by this Authority on _____

the claims:
 nos. _____ as originally filed/furnished
 nos.* _____ as amended (together with any statement) under Article 19
 nos.* 1-23 received by this Authority on 06.05.2005 with letter of 06.05.2005
 nos.* _____ received by this Authority on _____

the drawings:
 sheets 1/5-5/5 _____ as originally filed/furnished
 sheets* _____ received by this Authority on _____
 sheets* _____ received by this Authority on _____

a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. The amendments have resulted in the cancellation of:

the description, pages _____
 the claims, nos. _____
 the drawings, sheets/figs _____
 the sequence listing (*specify*): _____
 any table(s) related to sequence listing (*specify*): _____

4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

the description, pages _____
 the claims, nos. _____
 the drawings, sheets/figs _____
 the sequence listing (*specify*): _____
 any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/EP2004/005437

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1 - 23	YES
	Claims		NO
Inventive step (IS)	Claims	1 - 23	YES
	Claims		NO
Industrial applicability (IA)	Claims	1 - 23	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

1. Document US 2 635 427 (D1) is considered the prior art closest to claim 1.
2. The lifting gear according to claim 1 differs from that according to D1 in that the first lifting cylinder and the control piston of the second lifting cylinder are connected to the cross-arm and the second lifting cylinder and the control piston of the first lifting cylinder can be connected to the vehicle body.
3. The above characterising feature solves the problem of permitting what is referred to as an anti-parallel connection of the two cylinders.
4. This solution to the problem addressed by the invention is not suggested by any available prior art document.
5. Document US 6 520 731 (D4) is considered the prior art closest to claim 4.
6. The tilting mechanism according to claim 4 differs

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/005437

Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
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from that according to D4 in that the first lifting cylinder and the control piston of the second lifting cylinder are connected to the loading shovel and the second lifting cylinder and the control piston of the first lifting cylinder can be connected to the vehicle body.

7. The above characterising feature solves the problem of permitting what is referred to as an anti-parallel connection of the two cylinders.
8. This solution to the problem addressed by the invention is not suggested by any available prior art document.
9. The invention is clearly industrially applicable.
10. The dependent claims concern further embodiments of the arrangement according to claims 1 and 4 and likewise meet the requirements of PCT Article 33(1).

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

11. Claim 4 is unclear, since it defines a "second" pump without having previously defined a "first" pump.